

ABSTRACT

A printhead assembly includes an elongate support structure and printhead modules positioned in the support structure, along a length of the support structure. Each printhead module includes an ink feed member that defines a number of ink channels in fluid communication with an ink supply. The ink feed member has a plurality of outlet openings from which ink can be fed. An ink delivery assembly is positioned on the ink feed member. The ink delivery assembly defines a mounting formation to permit a printhead chip to be mounted on the ink delivery system. A plurality of ink inlets are in fluid communication with the outlet openings of the ink feed member. The ink delivery assembly defines a plurality of exit holes and tortuous ink flow paths from each ink inlet to a number of respective exit holes. An elongate printhead chip is mounted on the mounting formation. The printhead chip incorporates a plurality of nozzle arrangements that extend along a length of the chip. The printhead chip is positioned so that the ink can be fed from the exit holes to the printhead chip.

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